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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Jun 06 11:36:54 EDT 2007

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Reviewer Comments:

Seq Id 3,4 has an invalid Response for <223>, If <213> response has an Artificial or Unknown please give the source of Genetic material.

\*\*\*\*\*

Application No: 10575254 Version No: 1.0

**Input Set:**

**Output Set:**

**Started:** 2007-06-05 17:46:34.544  
**Finished:** 2007-06-05 17:46:35.124  
**Elapsed:** 0 hr(s) 0 min(s) 0 sec(s) 580 ms  
**Total Warnings:** 10  
**Total Errors:** 1  
**No. of SeqIDs Defined:** 1  
**Actual SeqID Count:** 10

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 252	Calc# of Seq. differs from actual; 1 seqIds defined; count=10

SEQUENCE LISTING

<110> Iwakura, Masahiro  
Hirota, Kiyonori  
Sota, Hiroyuki

<120> Support having affinity for antibody

<130> 040894-7434-US

<140> 10575254

<141> 2007-06-05

<150> US 10/575,254

<151> 2006-04-10

<150> PCT/JP2004/014828

<151> 2004-10-07

<150> JP 2003-352937

<151> 2003-10-10

<160> 1

<170> PatentIn version 3.4

<210> 1

<211> 70

<212> PRT

<213> Artificial sequence

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<223> Protein for antibody immobilization

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala  
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Gly Gly Gly Cys Ala  
50 55 60

Asp Asp Asp Asp Asp Asp  
65 70

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<211> 128

<212> PRT

<213> Artificial Sequence

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<223> Protein for antibody immobilization

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala  
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn  
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu  
65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro  
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser  
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Gln Ala Pro Lys Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp  
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<210> 3

<211> 58

<212> PRT

<213> Artificial sequence

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<223> A domain monomer

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala  
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys  
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<210> 4

<211> 128

<212> PRT

<213> Artificial Sequence

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<223> A domain dimer

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala  
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn  
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu  
65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro  
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser  
100 105 110

Gln Ala Pro Lys Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp  
115 120 125

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<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Linker peptide

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<212> DNA

<213> Artificial Sequence

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<223> DNA encoding protein for antibody immobilization

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cctaacttaa acgaagaaca acgcaatgg ttcatccaa gcttaaaaga tgacccaagc 120  
caaagtgcta acctattgtc agaagctaaa aagttaaatg aatctcaagc accgaaagg 180  
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<223> DNA encoding protein for antibody immobilization

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cctaacttaa acgaagaaca acgcaatgg ttcatccaa gcttaaaaga tgacccaagc 120  
caaagtgcta acctattgtc agaagctaaa aagttaaatg aatctcaagc accgaaagct 180  
gataacaatt tcaacaaaga acaacaaaat gctttctatg aaatcttgaa tatgcctaac 240  
ttaaacgaag aacaacgcaa tggtttcatc caaagcttaa aagatgaccc aagccaaagt 300  
gctaacctat tgtcagaagc taaaaaagtt aatgaatctc aagcaccgaa aggtggcggt 360  
ggctgctgatga cgatgactaa 390

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<223> DNA for transferring into vector

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tctatgaaat cttgaatatg cctaacttaa acgaagaaca acgcaatgg ttcatccaa 180  
gcttaaaaga tgacccaagc caaagtgcta acctattgtc agaagctaaa aagttaaatg 240  
aatctcaagc accgaaagg 302  
tc  
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<223> DNA for transferring into vector

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tctatgaaat cttgaatatg cctaacttaa acgaagaaca acgcaatgg ttcatccaa 180  
gcttaaaaga tgacccaagc caaagtgcta acctattgtc agaagctaaa aagttaaatg 240  
aatctcaagc accgaaagg 300  
gataacaatt tcaacaaaga acaacaaaat gctttctatg 300

aaatcttcaa tatgcctaac ttaaacgaag aacaacgcaa tggttcatac caaagctaa 360  
aagatgaccc aagccaaagt gctaaccat tgtcagaagc taaaaagtt aatgaatctc 420  
aaggcacccgaa aggtggcggt ggctgcgctg atgacgatga ccatgactaa gaattc 476

<210> 10  
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<223> Additional DNA sequence for gene expression

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aaggaggaac gact 74